SERIAL NO. ATTY DOCKET NO. 10/071,840 98-PO151 INFORMATION DISOLOSURE Kathleen M. Miller et al. (Use several sheets if necess) FILING GROUP MAY 0 6 2002 2/8/02 3738 **U.S. PATENT DOCUMENTS** FILING DATE \*EXAMINER CLASS SUBCLASS DOCUMENT NUMBER DATE NAME IF APPROPRIATE INITIA 128 260 10/18/77 Crossley 4,054,139 12/23/80 Galin 3 13 4,240,163 1.9 9/18/84 Neefe 264 4,472,327 604 265 7/29/86 4,603,152 Laurin et al. 2/9/88 Lee 604 322 4,723,950 623 6 3/15/88 Galin 4,731,080 2 167 8/8/89 Stockum 4,853,978 83 2/20/90 Umemura et al. 424 4,902,503 604 265 5/8/90 Maeda et al. 4,923,450 78 10. 424 6/12/90 4,933,178 Capelli 9 11. 525 244 8/7/90 Kennedy et al. 4,946,899 **FOREIGN PATENT DOCUMENTS** TRANSLATION SUBCLASS CLASS COUNTRY DOCUMENT NUMBER DATE YES NO A61L 27 00 WO 97/14447 4/24/97 **PCT CO8K 3** 00 9/23/99 **PCT** WO 99/47595 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Swartz, R., et al., "Biofilm Formation on Peritoneal Catheters Does Not Require the Presence of Infection," ASAIO Trans., Vol. 37, no. 4, Oct.-Dec. 1991, pp. 626-634. lı. Richards, G.K., et al., "Comparative Rates of Antibiotic Action Against Staphylococcus epidermidis Biofilms," ASAIO Trans., Vol. 37, no. 3, Jul.-Sept. 1991, pp. M160-162. **DATE CONSIDERED EXAMINER** EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include dopy of this form with next communication to applicant.

F rm PTO-A820 (als f rm PTO-1449)

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|                  |                                                                            |          | <i>I</i>                                             |                                       | FILING                    |                                           |                  | GROUP                    |                            |  |  |
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| 10               | _                                                                          | 12.      | 4,978,391                                            | 12/18/90                              | Jones                     |                                           | 106              | 35                       |                            |  |  |
| Ĭ                | 1                                                                          | 13       | 5,080,892                                            | 1/14/92                               | Yamam                     | ori et al.                                | 424              | 78.09                    |                            |  |  |
|                  |                                                                            | 14.      | 5,091,205                                            | 2/25/92                               | Fan                       |                                           | 427              | 2                        |                            |  |  |
|                  |                                                                            | 15.      | 5,091,442                                            | 2/25/92                               | Milner                    |                                           | 523              | 122                      |                            |  |  |
|                  |                                                                            | 16.      | 5,098,379                                            | 3/24/92                               | Conway                    |                                           | 604              | 51                       |                            |  |  |
|                  | _                                                                          | 17.      | 5,102,401                                            | 4/7/92                                | Lamber                    |                                           | 604              | 264                      |                            |  |  |
|                  |                                                                            | 18.      | 5,102,402                                            | 4/7/92                                | Dror et al.               |                                           | 604              | 265                      |                            |  |  |
|                  | 19. 5,130,159                                                              |          |                                                      | 7/14/92                               | Shlenker et al.           |                                           | 427              | 2                        |                            |  |  |
|                  | 20. 5,135,516                                                              |          |                                                      | 8/4/92                                | Sahatjian et al.          |                                           | 604              | 265                      |                            |  |  |
| () 21. 5,137,671 |                                                                            | 8/11/92  | Conway                                               | et al.                                | 264                       | 130                                       |                  |                          |                            |  |  |
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|                  |                                                                            |          | OTHER DOCUMEN                                        | •                                     |                           | , Title, Date, Pertinent I                |                  |                          |                            |  |  |
| 0                |                                                                            |          | Stamm, Walter E., "Cath<br>Journal of Medicine, Vol. | neter-Associated<br>. 91, no. 3B, Sep | Urinary 1<br>t. 1991, pp  | Fract Infections: Epidemio<br>b. 658-718. | logy, Pathogei   | nesis, and Pre           | vention," <i>American</i>  |  |  |
| <u> </u>         | 1                                                                          | <u> </u> | Golomb, Gershon, et al.,                             | "Prevention of I                      | Bacterial (               | Colonization on Polyuretha                | ne in vitro by   | Incorporated             | Antibacterial              |  |  |
|                  |                                                                            |          | Agent," Journal of Biom.                             | edical Materials                      | Research,                 | Vol. 25, no. 8, Aug. 1991,                | pp. 937-952.°    |                          |                            |  |  |
| EXAM             | INE                                                                        | R \      | MM                                                   |                                       |                           | DATE CONSIDERED                           | llal             |                          |                            |  |  |
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| *EXAMII                  | NFR                                                                                                | Γ                    |                                                     | DATE                                            | J. FAILN                    |                                                   |        | 01.400                               | 0,100,100                           | FILING DATE                       | <del></del>      |
| INITIAL                  |                                                                                                    |                      |                                                     |                                                 | NAME                        |                                                   |        | CLASS                                | SUBCLASS                            | IF APPROPE                        |                  |
| 0                        |                                                                                                    | 22                   | 5,165,952                                           | 11/24/92                                        | Solomo                      | n et al.                                          | 427    |                                      | 2                                   |                                   |                  |
|                          |                                                                                                    | 23.                  | 5,171,318                                           | 12/15/92                                        | Gibson                      | et al.                                            |        | 623                                  | 5                                   |                                   |                  |
|                          |                                                                                                    | 24.                  | 5,178,870                                           | 1/12/93                                         | Schaek                      | en et al.                                         |        | 424                                  | 405                                 |                                   |                  |
|                          |                                                                                                    | 25.                  | 5,217,493                                           | 6/8/93                                          | Raad e                      | t al.                                             |        | 623                                  | 11                                  |                                   |                  |
|                          |                                                                                                    | 26.                  | 5,261,896                                           | 11/16/93                                        | Conwa                       | y et al.                                          |        | 604                                  | 265                                 |                                   |                  |
|                          |                                                                                                    | 27.                  | 5,272,012                                           | 12/21/93                                        | Opolsk                      | <b>i</b>                                          |        | 428                                  | 423.1                               |                                   |                  |
|                          |                                                                                                    | 28.                  | 5,304,121                                           | 4/19/94                                         | Sahatji                     | an                                                |        | 604                                  | 53                                  |                                   |                  |
|                          |                                                                                                    | 29.                  | 5,328,954                                           | 7/12/94                                         | Sarang                      | apani                                             |        | 524                                  | 589                                 |                                   |                  |
|                          |                                                                                                    | 30.                  | 5,344,411                                           | 9/6/94                                          | Domb (                      | et al.                                            |        | 604                                  | 265                                 |                                   |                  |
| ·                        |                                                                                                    | 31.                  | 5,360,415                                           | 11/1/94                                         | Yabushita et al.            |                                                   |        | 604                                  | 265                                 |                                   |                  |
| 0                        |                                                                                                    | 32.                  | 5,362,754                                           | 11/8/94                                         | Raad et al.                 |                                                   |        | 514                                  | 566                                 |                                   |                  |
| FOREIGN PATENT DOCUMENTS |                                                                                                    |                      |                                                     |                                                 |                             |                                                   |        |                                      |                                     |                                   |                  |
|                          |                                                                                                    |                      | DOCUMENT NUMBER                                     | DATE                                            | DATE COUNTRY                |                                                   |        | CLASS                                | SUBCLASS                            | TRANS                             | LATION<br>NO     |
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|                          | 1                                                                                                  |                      |                                                     | ms and Urethral (                               | Catheter I                  | nfections," Nursing Star                          | ndar   | d, Vol. 5, n                         | io. 18, Jan. 23-29                  | , 1991, pp.                       | 26-28.           |
| Uy                       |                                                                                                    |                      | 5.                                                  |                                                 |                             |                                                   |        |                                      |                                     |                                   |                  |
|                          | )                                                                                                  |                      | Chang, Chung Che, et mirabilis to Polymethy         | al., "Effect of <i>Sta</i><br>  Methacrylate (P | <i>phylococc</i><br>MMA) an | us epidermidis on Adher<br>d Gentamicin-Containii | rence  | of <i>Pseudo</i><br>MMA,'' <i>Jo</i> | omonas aerugino<br>ournal of Orthop | sa and <i>Prot</i><br>aedic Resea | eus<br>rch, Vol. |
| (h)                      |                                                                                                    |                      | 6. 9, no. 2, Mar. 1991, pp                          | . 284-288.                                      |                             |                                                   |        | ı                                    |                                     |                                   |                  |
| EXAM                     | INE                                                                                                | L<br>R               | 12/1                                                |                                                 |                             | DATE CONSIDERED                                   | ,      | , 1                                  |                                     |                                   |                  |
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| *EXAMINER                                                                  |                          | DOCUMENT NUMBER                                                          | DATE                                   |                                  | NAME                                           | CLASS                    | SUBCLASS             | FILING DATE   |             |  |  |  |
|                                                                            | 33.                      | 5,366,505                                                                | 11/22/94                               | Farber                           |                                                | 623                      | 11                   | -             |             |  |  |  |
|                                                                            | 34                       | 5,370,681                                                                | 12/6/94                                | Herwec                           | k et al.                                       | 623                      | 1                    |               |             |  |  |  |
|                                                                            | 35.                      | 5,389,314                                                                | 2/14/95                                | Wang                             |                                                | 264                      | 25                   |               |             |  |  |  |
|                                                                            | 36.                      | 5,409,012                                                                | 4/25/95                                | Sahatji                          | an ·                                           | 128                      | 749                  |               |             |  |  |  |
|                                                                            | 37.                      | 5.462,644                                                                | 10/31/95                               | Woodso                           | on                                             | 204                      | 131                  |               |             |  |  |  |
|                                                                            | 38.                      | 5,599,298                                                                | 2/4/97                                 | Sahatji                          | an                                             | 604                      | 49                   |               |             |  |  |  |
|                                                                            | 39.                      | 5,607,683                                                                | 3/4/97                                 | Capelli                          |                                                | 424                      | 405                  |               |             |  |  |  |
|                                                                            | 40.                      | 5,611,354                                                                | 3/18/97                                | Alleyne                          |                                                | 128                      | 846                  |               |             |  |  |  |
|                                                                            | 41.                      | 5,616,119                                                                | 4/1/97                                 | Davis                            |                                                | 604                      | 19                   |               |             |  |  |  |
|                                                                            | 42.                      | 5,624,704                                                                | 4/29/97                                | Darouiche et al.                 |                                                | 427                      | 2.24                 |               |             |  |  |  |
| 0)                                                                         | () 43. 5,643,207         |                                                                          | 7/1/97                                 | Rise                             |                                                | 604                      | 93                   |               |             |  |  |  |
| (                                                                          | FOREIGN PATENT DOCUMENTS |                                                                          |                                        |                                  |                                                |                          |                      |               |             |  |  |  |
| DOCUMENT NUMBER                                                            |                          |                                                                          | DATE                                   | COUNTRY                          |                                                | CLASS                    | SUBCLASS             | TRANSI<br>YES | ATION<br>NO |  |  |  |
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|                                                                            |                          | OTHER DOCUME                                                             | •                                      | _                                | r, Title, Date, Pertinent i                    | -                        |                      |               |             |  |  |  |
|                                                                            |                          | Liedberg, H., et al., "Pse<br>International Urology an                   | eudomonas aerug<br>ad Nephrology, V    | <i>inosa</i> : Ad<br>ol. 22, no. | herence to and Growth on 5, 1990, pp. 487-492. | Different Ur             | inary Catheter       | Coatings,"    |             |  |  |  |
| 0                                                                          |                          | Anwar, Hosmin, et al., "<br>Chemotherapy, Vo. 34, n                      | Testing the Susc<br>o. 3, 1990, pp. 20 | eptibility<br>043-2046,          | of Bacteria in Biofilms to A                   | antibacterial            | Agents," Antin       | nicrobial Ag  | ents and    |  |  |  |
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| M                         | 44.        | 5,679,399                                         | 10/21/97                                      | Shlenke                        | r et al.                                              | 427                          | 2.3                                |                              |             |
| 1                         | 45.        | 5,707,366                                         | 1/13/98                                       | Solomoi                        | n et al.                                              | 604                          | 265                                |                              |             |
|                           | 46.        | 5,716,406                                         | 2/10/98                                       | Farber                         |                                                       | 623                          | 11                                 |                              | :           |
|                           | <b>4</b> 7 | 5,741,331                                         | 4/21/98                                       | Pinchuk                        | <b>(</b>                                              | 623                          | 11                                 |                              |             |
|                           | 48.        | 5,772,640                                         | 6/30/98                                       | Modak                          | et al.                                                | 604                          | 265                                |                              |             |
|                           | 49.        | 5,853,745                                         | 12/29/98                                      | Darouic                        | che                                                   | 424                          | 423                                |                              |             |
|                           | 50.        | 5,902,283                                         | 5/11/99                                       | Darouic                        | che et al.                                            | 604                          | 265                                |                              |             |
|                           | 51.        | 6,083,208                                         | 7/4/2000                                      | Modak                          | et al.                                                | 604                          | 265                                |                              |             |
|                           | 52.        | 6,106,505 8/22/2000                               |                                               | Modak et al.                   |                                                       | 604                          | 265                                |                              |             |
| 0)                        | 53.        | 09/734,639                                        |                                               | Pinchuk et al.                 |                                                       |                              |                                    | 12/12/00                     |             |
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|                           |            |                                                   |                                               |                                |                                                       |                              |                                    |                              |             |
|                           |            | OTHER DOCUME                                      | •                                             | •                              | , Title, Date, Pertinent I                            |                              | <u> </u>                           |                              |             |
| M                         |            | Dunne, W. Michael Jr.,<br>Coagulase-Negative Star | "Effects of Subir<br>phylococci," <i>Anti</i> | hibitory (<br><i>microbial</i> | Concentrations of Vancomy<br>Agents and Chemotherapy, | cin or Cefar<br>Vol. 34, no. | nandole on Biot<br>3, Mar. 1990, p | film Product<br>pp. 390-393. | tion by     |
| \  \                      |            |                                                   |                                               |                                |                                                       |                              |                                    |                              |             |
| M                         |            | Doughterty, Steven H., e of North America, Vol. 3 | t al., "Endogeno<br>, no. 2, June 198         | us Factors<br>9, pp. 199-      | s Contributing to Prostheti<br>209.                   | c Device Infe                | ections," <i>Infecti</i>           | ous Disease                  | Clinics     |
| EXAMINE                   | l<br>R     |                                                   |                                               | ·                              | DATE CONSIDERED 1                                     | 0 1                          | <u> </u>                           | <del></del>                  |             |
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| INITIAL<br>I - |        | Speer, Anthony G., et al., "Biliary Stent Blockage wi                                                                                                                                                                   |                                                                            | nternal Medicine, Vol. 108, no. 4, Apr.                  |  |  |  |  |  |
| 9              | 11.    | 1998, pp. 546-553                                                                                                                                                                                                       |                                                                            |                                                          |  |  |  |  |  |
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